| Index of Cla | ims         | App    | licatio | on No.       | Applicant(s)   |          |   |  |  |
|--------------|-------------|--------|---------|--------------|----------------|----------|---|--|--|
|              |             | 10/7   | 21,8    | 46           | PETERSE ET AL. |          |   |  |  |
|              |             | Exa    | miner   |              | Art Unit       |          |   |  |  |
|              |             | Johi   | n Sip   | os           | 3721           |          |   |  |  |
| √ Rejected   | (Through nu |        | N       | Non-Elected  | A              | Appeal   | ľ |  |  |
| = Allowed    | ÷ Restricte | ٠<br>د |         | Interference | o              | Objected |   |  |  |

| Cla                                              | aim      | Date                                             |              |              |                       |         | Claim Date    |               |          |          |          |                 |              |          | aim      | Date            |          |            |                                                  |          |          |                                                   |         |         |                    |                                         |
|--------------------------------------------------|----------|--------------------------------------------------|--------------|--------------|-----------------------|---------|---------------|---------------|----------|----------|----------|-----------------|--------------|----------|----------|-----------------|----------|------------|--------------------------------------------------|----------|----------|---------------------------------------------------|---------|---------|--------------------|-----------------------------------------|
| 100                                              |          |                                                  |              | T            | ĪΤ                    |         | $\vdash$      | Cie           |          |          | _        |                 | Jale         |          | _        | $\dashv$        | Ci       | aii 11     | <del>                                     </del> | _        |          | Ť                                                 | T       |         | Т                  | $\overline{}$                           |
| Final                                            | Original | 7                                                |              |              |                       |         |               | Final         | Original |          |          |                 |              |          |          |                 | Final    | Original   |                                                  |          |          |                                                   |         |         |                    |                                         |
| <del> </del>                                     | 1        |                                                  |              | +            | 1                     | +       | <del>  </del> | <b> </b>      | 51       | $\vdash$ | ╁        | Н               | +            | +        | ╁╌       | $\vdash$        |          | 101        |                                                  | -+       | -        | +                                                 | +       | +       | ╁                  | +                                       |
| <del>                                     </del> | 2        | <del>       </del>                               | +            | +            | $\vdash$              | +       | +             |               | 52       |          | +        | $\vdash$        | $\dashv$     | +        | +-       | $\vdash$        |          | 102        | $\vdash$                                         | +        | +        | -                                                 | ╅       | ┰       | +                  | +                                       |
|                                                  | 3        | <del>      -  </del>                             | $\dashv$     | +            | $\vdash$              | +       | $\vdash$      | -             | 53       | +        | +        | H               | +            | $\dashv$ | +        | H               |          | 103        |                                                  |          | $\dashv$ | +                                                 | ╅       | ╅       | +                  | +                                       |
|                                                  | 4        | <del>                                     </del> | $\dashv$     |              |                       | $\top$  | $\Box$        |               | 54       |          | ╅        | H               | $\dashv$     | ╅        | +-       |                 | 1        | 104        | Н                                                | 1        | +        | +                                                 | +       | +       | +                  | +                                       |
|                                                  | 5        |                                                  | $\dashv$     |              |                       | +-      | $\vdash$      |               | 55       |          | +        | H               | 1            | +        | +-       | Н               |          | 105        | Н                                                | +        | -        | +                                                 | +       | +       | +                  | +                                       |
|                                                  | 6        | <del>)      </del>                               | $\dashv$     | +            | $\vdash$              | $\top$  | $\Box$        |               | 56       | _        | $\top$   | П               | 十            | $\vdash$ | +        | Н               |          | 106        | $\Box$                                           | 7        | _        | ┪                                                 | +       | 十       | +                  | $\vdash$                                |
|                                                  | 7        |                                                  | _            | $\top$       | $\Box$                |         | $\Box$        |               | 57       |          | $\top$   | П               | 十            |          | 1        | $\Box$          |          | 107        | H                                                | $\dashv$ | $\top$   | $\top$                                            | T       | $\top$  | T                  | 1                                       |
|                                                  | 8        |                                                  | $\neg$       | 1            |                       | _       | $\Box$        |               | 58       |          | 1        | H               |              |          | +-       | $\Box$          |          | 108        | $\Box$                                           | 1        | 1        | _                                                 | +       | $\top$  | $\top$             | 1                                       |
|                                                  | 9        |                                                  | - 1          | 1            |                       | Ť       |               |               | 59       |          |          |                 |              |          | 1        |                 |          | 109        | П                                                | $\dashv$ | $\dashv$ | 十                                                 | $\top$  |         | $\top$             | $\top$                                  |
|                                                  | 10       |                                                  |              | I            |                       |         |               |               | 60       |          | L        |                 |              |          |          |                 |          | 110        |                                                  |          |          |                                                   | T       |         |                    | $\Box$                                  |
|                                                  | 11       |                                                  |              |              |                       |         |               |               | 61       |          |          |                 |              |          |          |                 |          | 111        |                                                  |          |          |                                                   | I       | I       | Ι                  |                                         |
|                                                  | 12       |                                                  |              |              | Ш                     |         |               |               | 62       |          |          |                 |              |          |          |                 |          | 112        |                                                  |          |          |                                                   | I       |         |                    |                                         |
|                                                  | 13       |                                                  |              | _            | $\sqcup \downarrow$   |         | Ш             |               | 63       |          |          | Ш               |              |          |          |                 |          | 113        | Ц                                                | $\perp$  | $\perp$  | $\perp$                                           |         | Ţ       | L                  |                                         |
|                                                  | 14       | ЙЦ                                               |              | _            | $\sqcup$              | $\perp$ | Щ             |               | 64       |          |          | Ш               |              | $\perp$  | 1        | Щ               |          | 114        | $\sqcup \downarrow$                              | $\dashv$ | $\perp$  | $\perp$                                           | $\perp$ | $\perp$ | $\perp$            | Ш                                       |
|                                                  | 15       | $\sqcup$                                         |              | ┷            | $\sqcup$              |         | Ш             |               | 65       |          | 1        |                 |              |          | _        |                 |          | 115        | $\sqcup$                                         | _        | 4        |                                                   | 4       | _       | $\bot$             | $oxed{oxed}$                            |
|                                                  | 16       | $H \rightarrow$                                  |              | —            | $\vdash \bot$         | $\bot$  | $\sqcup$      | $\perp$       | 66       | _        | $\bot$   | Ш               | _            |          | ╄        | Ш               | <b> </b> | 116        | $\sqcup$                                         | 4        | 4        | _ _                                               | _       | $\bot$  | _                  | $oldsymbol{oldsymbol{\sqcup}}$          |
|                                                  | 17       |                                                  | _            | 4            | <del></del>           |         | Ш             |               | 67       |          | +-       | $\sqcup$        | $\perp$      |          | <u> </u> | Ш               |          | 117        |                                                  | _        | _        | 4                                                 | 4       | 4       | ┷                  | $\perp \perp$                           |
|                                                  | 18       | HH                                               | $\dashv$     | 1            |                       | +       |               |               | 68       | —        | ┿-       |                 | $\dashv$     | _        | $\vdash$ | Ш               |          | 118        |                                                  | 4        | _        | $\perp$                                           | 4       | $\bot$  | _                  | Ш                                       |
|                                                  | 19       | $\longrightarrow$                                |              | $\perp$      | $\vdash$              | $\perp$ |               | <u> </u>      | 69       | -        | $\bot$   |                 | $\dashv$     | -        | ļ        |                 |          | 119        |                                                  | _        | 4        | $\perp$                                           | $\perp$ | 4       | ╁                  | +                                       |
|                                                  | 20       | -                                                | +            | -            | $\vdash$              | _       | H             |               | 70       |          | ┼        | $\vdash$        | $\dashv$     | +        | $\vdash$ | Ш               |          | 120        |                                                  | 4        | +        | +                                                 | +       | +       | +                  | ₩                                       |
|                                                  | 21<br>22 | lack                                             | +            | +            | $\vdash$              | -       | H             | $\vdash$      | 71       |          | +        |                 | $\dashv$     | +        | $\vdash$ | H               | J        | 121        |                                                  | $\dashv$ | +        | +                                                 | +       | +       | +                  | H                                       |
|                                                  | 23       | 1                                                |              | +            | $\vdash$              | +       | H             | $\vdash$      | 72<br>73 |          | +        | $\vdash$        | +            | +        | ╁        |                 | ļ        | 122        | $\rightarrow$                                    | +        | +        | +                                                 | +       | +       | +                  | +                                       |
|                                                  | 24       | 1, -                                             | -            | +            | $\vdash$              |         | Н             | $\vdash$      | 74       |          | ╫        | H               | -+           |          | 1        | $\vdash$        | -        | 123<br>124 | -                                                | +        | +        | +                                                 | +       |         | +-                 | ╁╌┦                                     |
| -                                                | 25       | #                                                | +-           | +            |                       | +       | H             | +             | 75       |          | +        |                 | $\dashv$     | +        | +        | $\vdash$        | -        | 125        | -                                                |          | +        |                                                   | +       | +       | +                  | +                                       |
|                                                  | 26       | ~ -                                              | $\dashv$     | +            | $\vdash$              | +       | $\forall$     | -             | 76       | _        | ╁        | $\vdash$        | $\dashv$     | +        | +        |                 |          | 126        |                                                  | +        | +        | +                                                 | +       | +       | +                  | +                                       |
|                                                  | 27       |                                                  | +            | $\pm$        | $\vdash$              |         | $\vdash$      |               | 77       |          | +        | 1               | $\dashv$     |          | ╁        |                 |          | 127        |                                                  | +        | +        | +                                                 | +       | +       | +                  | +-1                                     |
|                                                  | 28       |                                                  |              | 1            |                       | +       | $\vdash$      |               | 78       | $\neg$   | 1        | $\Box$          | $\dashv$     |          | †        |                 | -        | 128        |                                                  | _        | $\dashv$ | $\top$                                            | +       | +       | +                  | +                                       |
|                                                  | 29       |                                                  | _            | $\top$       | H                     | +       | $\Box$        |               | 79       | $\dashv$ | +        | $\Box$          | T            | +        | T        | $\Box$          |          | 129        | _                                                | _        | ╅        | +                                                 | +       | +       | +                  | +                                       |
|                                                  | 30       |                                                  |              |              |                       |         | П             |               | 80       | $\neg$   | <b>T</b> | $\Box$          | 1            |          | $\top$   | $\Box$          |          | 130        |                                                  | 寸        | $\top$   | 十                                                 | $\top$  | $\top$  | +                  | 1                                       |
|                                                  | 31       |                                                  |              | 1            | П                     |         | П             |               | 81       |          | $\top$   |                 | 1            |          |          |                 |          | 131        | o                                                | 寸        | 十        | ┪                                                 | 十       | 十       | 1                  | $\vdash$                                |
|                                                  | 32       |                                                  |              |              |                       |         |               |               | 82       |          | T        |                 | _            | 1        |          | П               |          | 132        |                                                  | 寸        | $\top$   | $\top$                                            | 1       | _       | $\top$             |                                         |
|                                                  | 33       |                                                  |              |              |                       |         |               |               | 83       |          | 1        |                 |              |          |          |                 |          | 133        |                                                  | 寸        | T        | T                                                 | $\top$  | T       |                    | $\Box$                                  |
|                                                  | 34       |                                                  |              |              |                       |         |               |               | 84       |          |          |                 |              |          |          |                 |          | 134        |                                                  | $\Box$   |          | I                                                 | I       | I       | $oxed{\mathbb{L}}$ |                                         |
|                                                  | 35       | $\sqcup \sqcup I$                                |              | $\Box$       | $\Box$                |         |               |               | 85       |          |          |                 | $\Box$       |          |          |                 |          | 135        |                                                  | Ţ        |          | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |         |         |                    |                                         |
|                                                  | 36       |                                                  |              | $oxed{\Box}$ | $\Box$                | _       | Ш             |               | 86       |          | $\perp$  | Ц               | $\perp$      |          | $\Box$   | Щ               |          | 136        |                                                  |          |          |                                                   | $\perp$ |         |                    |                                         |
|                                                  | 37       |                                                  |              | $\perp$      |                       |         | Ш             | $\square$     | 87       |          | _        | $\sqcup$        | $\perp$      | 4        | $\perp$  | Щ               |          | 137        | $\Box$                                           | $\perp$  | _        |                                                   | _       | 4       |                    | Ш                                       |
|                                                  | 38_      | _                                                |              | $\perp$      | $\sqcup \!\!\! \perp$ |         | Ш             | $\perp \perp$ | 88       |          | $\perp$  | $\sqcup$        | _            | _        | $\perp$  | Щ               |          | 138        | $\Box$                                           | 1        | 1        | $\perp$                                           | $\perp$ | _       | $\perp$            | Ш                                       |
|                                                  | 39       | -                                                | $\perp$      |              | $\vdash \vdash$       | - -     | $\sqcup$      |               | 89       | _        | $\perp$  | $\sqcup$        | $\downarrow$ |          | $\vdash$ | Щ               |          | 139        | $\sqcup$                                         | $\perp$  | $\perp$  | $\bot$                                            | 4       | 4       | 4                  | ┦                                       |
|                                                  | 40       | $\dashv$                                         |              | $\vdash$     | -                     |         | $\sqcup$      |               | 90       | _        | +        | $\vdash$        | $\dashv$     | +        | -        | $\vdash$        |          | 140        | $\vdash \vdash$                                  | $\dashv$ | _        | 4                                                 | 4       | _       | $\perp$            | $\sqcup$                                |
|                                                  | 41       |                                                  | $-\!\!\!\!+$ | +-           | ⊢⊢                    |         | $\vdash$      |               | 91       |          | $\vdash$ | $\vdash \vdash$ | $\dashv$     | +        | -        | $\vdash \vdash$ | -        | 141        | $\vdash$                                         | $\dashv$ | $\dashv$ | -                                                 | $\perp$ | +       | +                  | $\dashv$                                |
|                                                  | 42       |                                                  |              | +-           | -                     |         | $\vdash$      |               | 92       | +        | +-       |                 | _            | -        | 1        | $\vdash$        | -        | 142        | $\dashv$                                         | $\dashv$ | +        | +                                                 | +       | +       | +-                 | ╁┤                                      |
|                                                  | 43<br>44 |                                                  |              | +            | $\vdash \vdash$       | +-      | $\vdash$      | $\vdash$      | 93<br>94 | +        | +        | $\vdash \vdash$ | +            | +        | $\vdash$ | $\vdash$        |          | 143        | $\dashv$                                         | +        | +        | +                                                 | +       | +       | +                  | $\dashv$                                |
|                                                  | 45       | $\dashv$                                         | +            | +            | ┝╌├                   | +       | H             | $\vdash$      | 95       |          | +        | $\vdash \vdash$ | +            | +        | $\vdash$ | $\vdash$        | -        | 144<br>145 | +                                                | +        | +        | - -                                               | +       | +       | +                  | $\dashv$                                |
|                                                  | 46       | $\dashv$                                         | -            | +            | -                     | +       | $\vdash$      | -             | 96       | +        | +        | $\vdash$        | +            | +        | $\vdash$ | $\vdash \vdash$ |          | 145        | -1                                               | +        | +        | +                                                 | +       | +       | ╁                  | +                                       |
|                                                  | 47       | +                                                | $\dashv$     | +            | $\vdash \vdash$       | +       | $\vdash$      | $\vdash$      | 97       | $\dashv$ | +-       | $\vdash \vdash$ | +            | +        | $\vdash$ | $\vdash \vdash$ |          | 147        | -+                                               | +        | +        | +                                                 | +       | +       | +                  | +                                       |
|                                                  | 48       | -++                                              | -            | +            | $\vdash$              |         | $\vdash$      | -             | 98       | +        | +        | $\vdash$        | +            | +        | ╁        | $\vdash$        |          | 148        | +                                                | $\dashv$ | +        | +                                                 | +       |         | +                  | +                                       |
|                                                  | 49       | $\dashv$                                         | +            | +            | $\vdash$              | +       | $\vdash$      |               | 99       | +        | +-       | $\vdash$        | +            | +        | $\vdash$ | $\vdash$        | -        | 149        | -                                                | +        | +        | +                                                 | +       | +       | +                  | $\dashv$                                |
|                                                  | 50       | $\dashv \dashv$                                  | +            | +            | $\vdash \vdash$       | +       | H             | $\vdash$      | 100      | +        | +        | $\vdash$        | $\dashv$     | +        | $\vdash$ | $\dashv$        | -        | 150        | $\dashv$                                         | $\dashv$ | +        | +                                                 | +       | +       | +                  | ╁┤                                      |
|                                                  | 50       |                                                  |              |              | L_L                   | L       | لب            | -             | 100      |          |          | LL              |              |          | Щ.       |                 |          | 130        | $\perp \perp$                                    |          |          | L                                                 | $\perp$ |         |                    | لــــــــــــــــــــــــــــــــــــــ |